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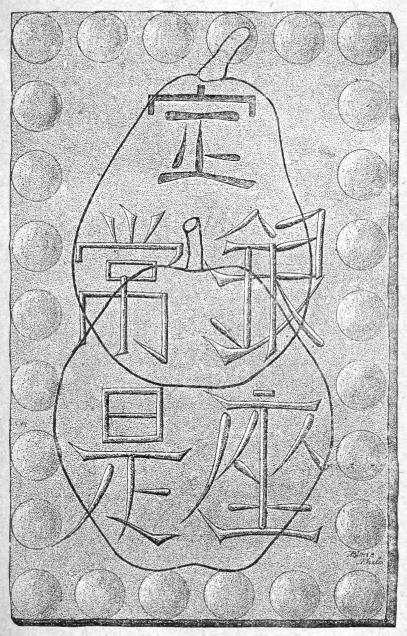
THE PRACTICAL NURSERYMAN.

A TRADE JOURNAL.

Vol. 5.

HUNTSVILLE, ALA., DECEMBER, 1897.

No. 12



To Nurserymen, Florists and Seedsmen.

Newark, Wayne Co., New York.

Growers of choice specialties for Nurserymen and Dealers.

NOVELTIES:

Vallous Rambler Rose. The only Hardy Yellow Climber.

Lord Penzances Hybrid Sweet Very valuable and pleasing Brians novelties.

Cumberland (Trade Mark) Rasp. berry. The largest black-cap known.

Free plates of these valuable novelties furnished to all reliable houses who will handle them. Handsome descriptive circulars at less than cost.

ROSES, new and old. A splendid stock of strong field grown plants, on their own

roots and budded.

CLEMATIS, largest stock in this country. Strong 2-year plants; MME. ED. ANDRE, the new red, and all the best older sorts.

SHRUBS. Splendid blocks of Hy-DRANGEA P. G. and JAPAN SNOWBALL, as well as a good assortment of other standard kinds.

ORNAMENTAL TREES, GOOSEBERRIES, PLUMS, PEACHES, ASPARAGUS, BLACKBERRIES, CHERRIES, RHUBARB, RASPBERRIES, QUINCES, CUERANTS, APPLES, ETC., ETC.

We have a large stock of extra fine strong trees. guaranteed free from scale or disease, and we will not be undersold.

Trade List will be mailed soon. If not received early this month, write us for it.

Jackson & Perkins Co., Newark, New York.

Jackson & Perkins Co., APPLE SEEDLINGS.

My seedlings are grown on our new UPLAND PRAIRIE, and I am expecting some very fine plants, which I shall be pleased to quote in large or small lots.

Have been growing seedlings for the past eighteen years, and you can depend on good grades and packing.

All seedlings guaranteed to arrive in good condition. Address

J. A. GAGE.

FAIRBURY, NER.

FRANK HANCOCK.

MATHERS, WISCONSIN.

-DEALER IN-

I am absolutely the only dealer in this vicinity who owns the swamp from which the moss is taken, and I personally superintend getting out the moss for my customers. I can therefore guarantee my moss to be of the very best quality and the bales to be of the largest size. Moss can be supplied in any quantity desired either in bulk or in bales Be sure to get my prices before placing your orders elsewhere.

ENVELOPES of every kind, size and quality, at Factory Prices. Send your samples and

get quotations and save from 10 to 50 per cent. Order in time to have them sent by freight. Any other Printing, Lithographing, Engraving or Blank Books you may require can be sent at same time, at an equal saving in price. Send for Price-List of Stock Nursery Forms

VREDENBURG & KARLE, ROCHESTER, N. Y

Apple Trees. Apple Seedlings.

Grades High.

Careful Handling.

Experienced Packing.

Car Lots a Specialty.

F. W. WATSON & CO.,

(2351)

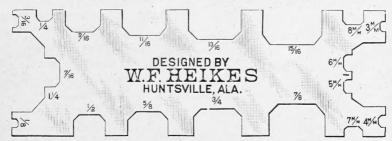
TOPEKA, KAN.

CAMPBELL'S EARLY Seeds Need Not Be Swallowed.

"First of all Grapes," says Rural New-Yorker. Scaled 96 points in possible 100. "Will ship round the world." Early or Late. Insist on our Seals and get what you buy. Largest stock of other Grape Vines, Small Fruits. Elegant Catalogue FREE

CEORCE S. JOSSELYN, FREDONIA, NEW YORK.

NURSERYMEN'S CALIPER--% SIZE.



This is the most practical Caliper in use for grading trees. It is made of steel bra s handsomely nickel plated. It answers also as a rule, its length is exactly six inches and its width two inches. Price 50 cents each; \$2.50 for six; \$5.00 per dozen, postpaid. For sale by dealers in Nurserymen's requisites, or orders may be sent direct to

W. F. HEIKES, Manager,

Huntsville, Ala.

BUY THE BEST.

WHITNEY'S IMPROVED

Western Tree Digger.

Manufactured by

N. A. WHITNEY.

FRANKLIN GROVE, LEE CO., ILL

Send for Prices.

The Fractical Nurseryman

Is the best advertising medium for Nurserymen. It does not depend upon subscriptions, but goes monthly to a select list of 2300 names of Nurserymen, made up of customers and correspondents with whom we have had business relations for many years.

W. F. HEIKES, MANAGER, Huntsville, Ala.

SHENANDOAH NURSERY

-HEADQUARTERS FOR-

SEEDLINGS. APPLE

LARGEST STOCK IN THE WEST.

Pear, Plum and Cherry Stocks.

Osage Orange, Russian Mulberry and Forest SEEDLINGS Nursery Grown

Apple, Pear, Plum, Peach and Cherry Trees by the car load. Acres of Shade and Ornamental Trees of all sizes. Small Fruits, Ornamental Shrubs and Evergreens in quantity to suit the purchaser.

SCIONS, large surplus. GRAFTS of any style made to order.
Our stock has made a fine growth and is free from all injurious insects, and includes all the leading varieties and will be graded up to the highest standard grades. WRITE FOR PRICES.

D. S. LAKE, Prop., Shenandoah, Iowa.

November 15th to December 15th.

Between the above dates is the best and safest time to get into your cellars the supply of Apple Seedlings that you want for Winter The bulk of the Apple Seedlings used are shipped out during the thirty days following November 15th.

We have a good supply of well-graded, carefully handled seedlings in both the straight and branched grades.

We invite all who have not bought to get our prices before placing their order, not only on Apple Seedlings, but all other kinds of FRUIT TREE STOCKS.

JACKSON COUNTY NURSERY CO..

(Jackson County) Lee's Summit, Mo.

YELLOW RAMBLER.

Very fine, strong, field-grown plants on their own roots. Two to four feet, cut pack to 24 inches. Price per 10, \$1.75; per 100, \$16.00; W. F. HEIKES, Manager, per 1000, \$150.00. Address

Huntsville, Ala.

Northern Orders For Spring.

This list quotes lowest prices for Spring shipment, subject to change without notice, until orders are accepted. We invite cor-W. F. HEIKES, Manager. respondence.

THE PRACTICAL NURSERYMAN.

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No. 12

THE PRAGTICAL NURSERYMAN.

PUBLICATION OFFICE:

HUNTSVILLE.

ALABAMA.

W. G. DICKSON, PRINTER.

W. F. HEIKES, Editor and Manager.

Issued Monthly. Sent only to those in the trade. We do not solicit subscriptions. If you value The Practical Nurseryman, please accept it with our compliments. Our circulation covers a list of 2,300 selected names of customers and correspondents, made up through many years of active wholesale business. Every name represents a buyer of nursery stock, and this list contains only the names of those who buy at wholesale

Duy at wholesale. Advertisements 10c. a line agate; \$20.00 a page; one-half page \$10.00; one-fourth page \$5.00. Advertisements must be handed in one week before the day of publication. Advertisements for less than \$5.00 will not be accepted. Discounts: 3 times 5 per cent.; 6 times 10

per cent.; 12 times 25 per cent.
The circulation of this Journal will be confined strictly to Nurserymen, Florists and Seeds-men, and only invited advertisements of articles pertaining specially to these trades will be nserted.

Aerating the Soil.

As far as we can judge from horticultural literature, the knowledge gained a generation or two ago, that the roots of plants require air as well as the leaves, has almost died out. Taking up the gardening papers of that period we find articles from the present head of the Experimental Garden at Washington, Mr. Wm. Saunders, showing the absolute necessity of aerating the soil in order to get the best results for cultivation; and this idea was taken up and reiterated everywhere until it seemed to be generally prevalent. At that time it was difficult to find a gardener of any intelligence but who seemed to thoroughly understand the point. It was chiefly to this end that advantage was found in under-draining. There was a time, when placing drains under the surface was started, that it was laughed at by the "practical man."
"Draining the ground!" said he; "why, the ground gets as dry as dust in the summer time, and everything dies out for the under-draining was more for the pur- estate, Ferry Side, Wales,-the

pass rapidly through the earth into the under-drains the air followed: and in this way the atmosphere was believed to do its full share of the work required. In like manner rolling the ground after seeding was not so much for the purpose of pressing the ground tight, but for pulverizing the clods, forming thousands of small air spaces where none existed before. Is is in this line, indeed, that we have to look for the death of trees, which often follows filling up with earth over their roots. When the filling is done with earth full of broken bricks or stones, or with pure sand or gravel, the tree does not die, although the filling may be several feet in depth; but when filled with ordinary clay soil death almost always follows. In the former case air is still conveyed for the use of the roots: in the latter case the air is excluded. It is for the same reason that trees are killed by a sudden overflow of water in the summer time. Being absolutely under water, the air is completely excluded. It is the absence of air which causes their death. If the cultivator would thoroughly understand the advantage of air about the roots much greater success would follow his efforts than is frequently in evidence .-Meehans' Monthly.

Australian Apples.

Australia is found to be such a favorite home for the apple that immense orchards have been planted and are now in successful bearing. They find they can get them to England and stlll successfully compete with Americans in a financial sense. Nearly a hundred thousand cases had been received in England up to the first of June, the bulk of them coming from Tasmania. One great advantage they have is in their period of ripening, as the English markets can be supplied after the American apples have disappeared.—Meehans' Monthly.

Women Gardeners.

It was a bold move to open the Royal Gardens at Kew to women students as well as to young men. But the women graduates are making their mark. want of water. Why should we drain of them has been appointed head garaway the little water that it holds?" But dener to J. Brogden, Esq., of the "Iscoed" pose of admitting air to the soil than woman, we believe, to get an appointwater. When the water was allowed to ment in this new field .- Meehans' Monthly.

The Huntsville Wholesale Nurseries.

JESSIE S. MOSS. PROPRIETOR.

W. F. HEIKES, MANAGER.

REFERENCES: W. R. Rison & Co., Bankers, Huntsville, Ala., and the Mercantile Agencies

ADDRESS ALL CORRESPONDENCE TO

W. F. HEIKES, MANAGER, HUNTSVILLE, ALABAMA.

Fall of 1897 and Spring of 1898.

ENTOMOLOGIST'S CERTIFICATE.

This is to certify that on May 21st, 1897, I personally examined all stock of the Ametaville Wholesale Nurseries, and Jound it entirely free From Dan Jose Scale and otherwise in excelle it condition.

Entomologist-of State Exper. Sta., autum, Ma.

DISTRIBUTING POINTS.

We are making St. Louis, Mo., Cincinnati. Ohio, Rochester, N. Y., and Philadelphia, Pa., distributing points; and will deliver free of freight charges to transfer companies, at either of these places, all orders in car lots, or in less than car lots, to be shipped from Huntsville on the dates named below:

For St. Louis-Early shipments from September 20th to October 10th; late ship-

ments from October 25th to December 10th.

For Cincinnati, Rochester and Philadelphia-November 1st.

The orders will be packed in Huntsville, and those for less than car lots will be combined to make up car lots and shipped to these points and distributed promptly to the various railroads centering there. This plan insures quick time and low freight rates. Orders for less than car lots must be boxed at Huntsville. The price of boxes will be additioual.

This offer to deliver to distributing points free of freight charges will not apply to less than car-lot orders, if shipment is required at other than the above named dates; but we will ship car-lot orders at any time after September 20th anywhere desired within the territory tributary to the cities designated, and will deduct from

the bill the cost of freight to the nearest distributing point

In this issue of our price list we show the numbers, sizes and prices of all varieties remaining unsold to date. Correspondents should, however, give us the privilege of substituting varieties, sizes and prices, as far as it can be allowed, if in a hurry for shipment, as we do not substitute, as a rule, without permission.

Quarantine restrictions are removed at Biloxi, Miss., and we can now ship promptly from there.

GRADE-COUNT QUOTATIONS.

The publication of this list abrogates previous quotations.

Except where prices are agreed upon, these quotations are subject to change without notice. See Terms and Conditions governing these quotations on another page.

Should the grade ordered be sold, state whether the next higher or lower grade may be substituted

PEARS, Standard.	1 to 11/4 in.	5 to 7 feet		5 to 6 feet		4 to 5 ft.	4 to 5 ft.
Two Years.	Per M *80	Per M \$65	Per M \$50	% to 11-16 Per M \$55	Per M \$50	Pr M \$45	Per M \$40
Root-grafts. J	" C 9.50	" C 7 50	" C 7	" C 5.50	" C 6	" C 5	· C 4.50
Kieffer	1100	2080					

These were very strong, handsome one-year trees, mostly 4 to 5 feet high, and many of them % inch calibre. They were grown from root-grafts, transplanted at one year old, cut back to the ground and one shoot allowed to grow. They have the appearance of two-year bads, and are very fine roots and tops.

PEARS, Standard, 1 to 1½ in. 1 wo Years. Extra.	Edifice. 5 to 7 feet % to 1 in.		% to 11-16	9-16 to %	1/2 to 9-16	t
	Per M \$65 C 7.50	Per M 860	Per M C	Per M C	Per M	
Garber 3455				**		
SPECIAL. Pr C \$12 50 P Koonce	r C \$10 P	r C \$9.50	Pr C \$9	Pr C \$8 125	Pr C \$7.50 25	
PEARS, Standard, 5 to 6 feet One Year.	Evade. 4 to 5 feet	Evict. 3 to 4 feet	Evening. 2 to 3 feet			
Special Varieties. " C 10 Little if any bran.	" C 8	" C 7.50	••			
Koonce 2210		40				
CHICKASAW Knavish. K	nitting. 1	Knotty. K	nowing. 1	Knuckle.	Koran.	Kitchen

BI HME A Vanne 51	to 6 feet 5 to 6 feet to 1 in. 11-16 to 5	et 5 to 6 feet		4 to 5 feet 1/2 to 9-16	4 to 5 feet 7-16 to 1/4	3 to 4 ft.
On Marianna. Fe	er M \$75 Per M \$7			Per M \$50 " C 6	Per M 840	Pr M \$35
Pottawattamie Robinson		175 350	290 450	400 400	460 520	370 710
Wild Goose		300	140	70	**	**
SPECIAL.	Per C \$12.60	Per C \$11.50	Per C \$10	Per C \$10	Per \$10	Per C \$10
Milton	1400	370	600			240
Chas. Downing						
Sophia	10	17			90	240
Marcus			5	15	35	100
Penning's Peach			5	10	. 17	40
Harrisons		2		9	20	45
Knudsons		2 -	10	. 11	19	20
Jas. Vicks		21	39	30	46	25
Col. Wilder		29	34	30	23	10
Esther		11	10	5	8	7
Prairie Flewer		6	8	3	9	10
New-Ulm						10
		ii i			••	••
ONE YEAR. Benson Mollie	56	57	129	134	158	226

AMERICANA Ham		Tappen.	Harden.	Harrow.	Hasten.	Hatter.	Haven.
PLUMS, 2 Years, 3 to		-16 to 3/4	% to 11-16		½ to 9-16	7-16 to 1/2	9 to 4 leet
On Marianna. Per M	4 \$75. P	er M \$70	Per M \$65		Per M \$50		Pe M \$35
·Well branched. J C	8.50	C 8	C 7	" C 6.50	C 6	C 5	" C 4
Illinois Ironclad	8	25	100	140	170	120	140
	340	730	1020	860			590
	300	2370	1090	1660	2090	1200	1570
account acquirement	960	820	400	720	540	220	550
	90	360	440	600	300	470	360
	240	90	25 225	30 360	125	20	20
	350 350	620 1540	1850	2650	1810	1170	220 1750
	65	150	330	780	840	300	1210
WyantSPECIAL.	09	190	990	100	C#U	300	1210
	ny size 1	5 cents	25	65	130	130	90
3.00444		., 001100				200	-
ORIENTAL) Hillo	ock H	ickory.	History.	Hidden.	Hiding.	Heiffer.	Hinder.
		o 6 feet	5 to 6 feet		4 to 5 teet		3 to 4 feet
LUMS, 2 Years, 5 to 6		16 to 34	% to 11-16		1/2 to 9-16		
On Marianna. Per M		er M \$70	Per M \$65	Per M \$55	Per M \$50		Per M \$33
Well branched. J " C	8.50 · "	C 8	" C 7	" C 6.50	" C 6	" C 5	" C 4
	550	25	170	190			
	340	150	120	25		• •	
	180	60	40	. 30 12	30 12		• •
Maru'	55 170	135	100	80	- 50 ·	55	• •
	520	110	90	110	30		••
Kerr	140	110	90	, 110	30	••	••
ORIENTAL \ Lesso		etter.	Liking.		Limpid.	Linger	Liquor.
TIMS Vann 5 ft & 1			4 to 5 feet		4 to 5 feet	to 4 fet	2 to 3 ft.
FOR \$ 11-16 %		o 11-16			7-16 to ½	D M 400	D M 600
On Marianna Per M					Per M \$40	Per M \$30	Pr M \$2
Plum. Bran'ed J " C'	10	C 7	0 0	0 5.50	" C 5	" C 4	" C 3.50
	910	1930	1910	2630	1000	810	
	790	1095	1320	778			
	570 .	970	4:0	600	000	oco	100
aca inagaronini	700	870 1540	450 2420	2900	380	360	168
	300				5430	3000	1000
.,	380 250 Pm	820	840 Pr C \$10	674 Pr C 50	210	56 P- C **	65 P- 0 #7 50
Cambridge	2 50 Pr	C \$11.50	Fr C \$10	Pr C \$9	Pr C \$3 50	Pr C \$8	Pr C \$7.50
Wickson						150	250

Satsuma in lots of 300 or more 7-16 to 1/2, \$35 per 1000; 3 to 4 feet, \$30; 2 to 3 feet, \$25 per 1000.

PLUMS ON PEACH.

	•					
ORIENTAL Helper. 5 to 6 feet	Helmet.	Hemilock.	4 to 5 feet	Herbal.	Hermit.	Hero. 3 to 4 ft
On Peacn. 34 to 1 in. Per M \$35 " C 9.50	Per M \$60 " () 9	% to 11-16 Per M \$90 " C 6	9-16 to % Per M \$15 " C 5.50	1/2 to 9 16 Per M \$40 " C 6	7-16 to ½ Per M \$50 C 4	Pr M \$20 C 4.50
Abundauce 450 Burbank 1135 Red Juue 730 Red Nagate 340	470 1300 900 720	870 1000 620 330	820 1700 2000 950	1100 2100 1010	1100 3500 1400	2000 2000 5800 2400
Two to three feet at \$20 per 1	.000.					
CHERRIES, 2 Yrs Object. 3 ft. & up. 4 to 1 in.	11-16 to 34	Oblong. 4 to 5 feet 5% to 11-16	Octave. 4 to 5 feet 9-16 to %	½ to 9-16		
Well branched. Per M \$55	Per M \$45 " C 5.50	Per M \$10 C 5	Per M \$35 C 4.50		Per M \$25	
B. Tartarian	1700 10900	2530 12670	2400 7420	1200 4800	' ::::::::::::::::::::::::::::::::::::	:: •
Montmorency, Ord 1000 Early Lamaurie 1870	620 500	1200 200	1350 130	1260 60		• • • • • • • • • • • • • • • • • • • •
Gov. Wood	100	180 1300	2050	2725		**
Windsor	15 1670	100 1045	350	840		
Lutovka	250	800	700	1300		

The Early Lamaurie belongs to the H. & B. class, very hardy and prolific, Ripens with or before Early Purple Guigne; color black. Holds its foliage better than any other in the South.

Use the Nurserymen's Telegraph Code. Anyone not in possession of a copy will be supplied upon application.

Apple Seedlings, No. 1, 3-16 and up. \$3.00 per 1000; No. 2, 2-16 to 3-16, \$1.50 per 1000 in 5000 lots at Huntsville. Less quantities, 50 cents per 1000 additional.

PEACH TREES -- On Peach, Leading Varieties.

Our Peach Trees are budded on seedlings grown from Tennessee and Alabama Pits. Our Peach Trees are budded on seedlings grown from Tennessee and Alabama Pits. They are free from Aphie or Root-knots, and have fewer borrers than those from most nurseries.

We can supply beautiful medium and small-sized peach trees. The lands upon which our peach trees are grown this iyear produces a light, well-matured tree, with fine roots. These trees will answer well the purpose of "June Buds," and are very much better to transplant, as they will be well matured to the terminal bud, while June Buds are often tender at the tips. The little trees we offer should not be confounded with the little culls left after the larger trees have been dug and offered so cheaply by other nurseries. Our peach trees have been grown with especial reference to the Southern trade, where small sizes are mostly wanted. The Yellows and Rosette are unknown in this locality, and we have been careful not to bring in

PEACH TREES Ransom. 5 to 6 feet	Rattle.	Rebate.				Rabbit 1 to 2 feet
One Year. % & up. Per M \$39 " C 4 50	.9-16 to % Per M \$30 " C 4	½ to 9-16 Per M \$25 " C 3	7-16 to ½ Per M \$25 " C 3	Under7-16 Per M \$20 " C 3	Per M \$15	Per M \$10 " C 1 50
Alexander	35 120 50 140 80 40 	635 220 700 10 290 710 50 25 30 835 700	1900 500 750 850 120 1890 1400 550 20 285 600 1850 930	5620 1650 2575 1300 550 4000 5280 680 1850 280 450 1130 885 1370	1650 800 1000 1250 1980 1700 2800 2100 1850 630 1330 1420 800 1680	100 125 350 1100 700 475 750 650 800 650 1650 1450 1030
Elberta	70 90	40	490 125 1100	915 1000 3400 1000	1800 1200 4600 2820	600 400 1000 1250
Globe	65 80	100	60 500	1280 1100 1630 1300	1500 1800 910 570	1300 900 160 810
Lady Ingold Lemon Cling 100 Mamie Ross 140	460	**	1520 1030 960	4100 1530 1980	1400 920 780	700 300 280
Mountain Rose	:: ·4	340	2720 560 830	7250 2500 3350 1300	1750 1290 3115 2620	170 300 1015 1600
Salway 10 Susquehanna 20 Stump Sneed 450	30 525	70 1300	230 2835	1700 1960 6050	2340 = 2600 4500	1160 1160 620 850
Stephenson's Rareripe	520	3600	300 40 5600	1340 35000	2175 3160 11400	1031 2300 5400
SPECIAL.	. 1	T				Per C \$3.50
Greensboro		390		3600	3210	1200
3 Manting	Madmala	OT a SPA	Man ala	Ο	·	. 13 0. 3

 Tadpole.
 Taffy.

 4 to 5 feet
 3 to 4 feet

 9-16 to %
 ½ to 9-13

 Per M \$60
 Per M \$45

 ** C 7
 C 5.50

 Tactics. Tangle. Our Quinces are all grafted 3 to 4 feet from wood cut from bearing 7-16 to % trees, so that we know them to be genuine It is impossion C 4 ble to keep a lot of huddad 4 to 5 feet 5% to 11-13 Per M \$75 C 8 50 trees, so that we know them to be genuine It is impossible to keep a lot of budded quinces pure. 1200 890 760 840

These two-year-old Quinces were headed back to 18 inches in Spring and are uniformly branched and handsome, except the 2 to 3 feet size, which are more or less branched.

DUINCES, I Year, 1 4 t		3 to 4 feet	2 to 3 feet Per M \$25 " C 3	
Orange,	5680 2100	3500. 1800	2100	

any buds from affected localities.

Grafts transplanted. Cut back to ground at one year and have the appearance of one year buds.

GRAPE VINES.

These Vines are grown for us by one of the most successful growers of Grape Vines at Fredonia, N. Y. We guarantee them equal to the very best produced in quality and grade.

First Class.

First Class.

			Class,		Class,
			year.		years.
Leading Varieties.		Mar	shall.	Ma	ntel.
230000000	Pe	r 100	Per 1000	Per 100	Per 1000
Agawam (Rog. No. 15)		1 50	\$ 12 00	\$ 2 20	\$ 18 00
Birry Rog. No. 43)		1 00	100 00	16 00	150 00
Brilliant		5 00	300 00	45 00	400 00
Brighton		1 60	15 00	2 50	20 00
Catawba		1 30	11 00	1 70	15 00
Catawoa Tallman		1 10	10 00	1 60	14 00
Champion or Tallman			7 00		
Concord		90		1 40	11 00
Cynthiana		6 50	60 00	9 00	80 00
Delaware		2 50	22 00	3 30	30 00
Diamond		1 80	14 00	2 50	20 00
Dracut Amber		2 20	20 00	3 30	30 00
Duchess		2 30	20 (40	3 30	30.00
Eaton		4 00	35 00	5 50	50 00
Eaton		9 00	80 00	12 00	110 00
Early Ohio					
Early Victor		2 80	25 00	4 50	40 00
Elvira		1 20	11 00	1 70	15 00
Empire State		2 00	18 00	2 80	25 00
Gothe (Rogers' No. 1)		6 50	60 00	10 00	90 00
Green Mountain		9 00	80 00	13 00	120 00
Hartford		2 20	20.00	3 30	30 00
Hebermont		7 00	65 00	10 00	90 00
Hebermont		1 20	11 00	1 50	14 00
Ives		6 00	55 00	8 00	75 00
Jessica					
Lady		2 20	20 00	3 30	30 00
Lindley (Rog. No. 9)		1 50	12 00	2 00	18 00
Intie		6 50	60 00	9 00	80 00
Martha		$2\ 00$	18 00	3 00	30 00
Massasoit (Rog. No. 3)		2 20	20 00	3 30	30 00
Massasoit (Rog. No. 19)		2 20	20 00	3 30	30 00
Mover		2 00	20 00	3 (0	27 00
Moyer		1 60	14 00	2 50	22 00
Moore's Early	• • • • • • • • • • • • • • • • •	2 20			
Mo. Reissling			20 00	3 30	30 00
Niagara		1 00	9 00	1 60	14 00
Norton		5 50	50 00	8 00	75 00
Perkins		4 50	40 00	6 50	60 00
Pocklington		1 20	10 00	1 60	14 00
Prentiss,		5 50	50.00	8 00	70.00
rentiss,		1 50	12 00	2 50	20 00
Salem		1 60	15 00	2 50	22 00
Vergennes					
Wilder		2 20	20 00	3 30	30 00
Woodruff Red		6 00	55 00	8 00	80 00
Worden		1 00	9 00	1 60	14 00
Wyoming Red		1 60	15 00	2 20	20 00
Tyoning Local transfer the thirds the major of	No. 1 one week	(34	ambla)		

No. 2 one-year vines, two-thirds the price of No. 1 one year. (Marble)
Two-year No. 1½ vines, of most kinds, one-half between price of two-year No. 1 and one-year
No. 1. (Madame)

Grape Vines f. o. b. at Fredonia. N. Y.

TRADE DISCOUNTS ON GRAPE VINES.—\$3.00 to \$10.00 worth at 100 rates. \$10.00 to \$25.00 worth at 1,000 rates. \$25.00 to \$100.00 worth at 1,000 rates. Over \$100.00 worth, send list for Special Prices.

\$100.00 WOLDE, BOTH TIPE	ror opourar -			
MULBERRIES, 2 Yrs. Well Branched.	Wabble. 5 ft, & up. 34 to 1 in. Pr M \$100 C 12.50	Wagon. 5 to 6 feet % to % Per M \$80 C 9	Wander. 4 to 5 feet 9-16 to % Per M \$75 C 8	For Spring delivery we will supply these Mulberries from Huntsville or St. Louis. If wanted for Fall deliv- ery, they must go from Biloxi, Miss. They are well matured, hard and
New American	660 450	320 210	90 110	sound to the tips.

ORANGE AND MEECH QUINOE—In thousand lots one year from graft, for "lining out," cut back to 10 inches, per 1000, \$15.00. REAS AND CHAMPION, \$25.00 per 1000.

APPLE SEEDLINGS—No. 1 and No. 2. Nebraska grown. Prices upon application. MOSS, baled in wire, at Wisconsin points. Special figures.

PECANS--Texas Seed. Thin Shell.

Per 1000, 4 to 5 feet, \$140; 3 to 4 feet, \$125; 2 to 3 feet, \$100.

These are young, thrifty trees and we can supply several thousands.

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HEIKES-BILOXI NURSERIES CO.,

Address W. F. HEIKES, Manager, Huntsville, Ala.

1 3 Donne Debugt Beelest

ROSES. Own Roots.	Roses.	Robust. No. $1\frac{1}{2}$	Rocket.	
	er M \$70	Per M \$50	Per M \$35	
L'Enfant du Mt.Carmel	1400	2200	2000	
Anna de Diesbach	***	***	142	Grown from cuttings. Price of
Coquette des Alps	***	***	170	boxes or bales to be added. Deliv-
Baron Prevost	450	1300	20 1960	ered at depot at Biloxi. On orders
Caroline de Sansal François Levet	450	580	360	sent in by Northern customers for Spring delivery, we will pay freight
Gen. Jacqueminot	***	780	240	to St. Louis, and hold in cold storage
John Hopper	5180	3630	3740	there until wanted. The No. 1 plants
Jules Margottin	2900	$\frac{400}{3380}$	365 4060	will have three or more branches
Magna Charta	1960	1160	1180	and will be cut back to 24 to 30
Margaret Dickson	480	340		inches. The roots are very fine. We make a grade of Roses called
PrinceCamille deRohan		600	400	No. 11/2. This grade will be made up
Vick's Caprice	210	100	50	of plants just under No. 1, such as
Teas and Noisettes.				do not have the required number of
Duchess de Brabant	160	300	140	branches or slightly under weight and height, and makes a very nice
Etoile de Lyon	***	***	240	grade for mailing. Price 30 per cent.
Mad, Camille,	***	55	75	off the price of No. 1.
Solfaterre	300	250	100	No. 2 Plants of above Varieties
BOURB'NS&HYBRIDTEAS				FOR TRANSPLANTING AT ONE-HALF THE PRICE OF No. 1. The tops of No.
Caroline Testout			100	2 plants will be cut back to 2 or 3
Capt. Christy		30	55	inches, as they are only intended for
POLYANTHUS.				transplanting.
Clothilde Soupert	130	40	160	
•	100	40	200	
Mosses.	4.40	000	000	
Blanche Moreau	149 160	330 280	930 630	
Blanche Robert Comptesse de Murinais.	680	700	360	
Princess Adelaide	1000	875	500	
Henry Martin	300	50u	450	
Capt. John Ingram	450 325	410 120	275 110	STANDARD PEARS == One Year
Luxemburg	929	120	110	Cuttings—Let'onte, Garber, per 1000,
MISCELLANEOUS.				5 to 6 feet, \$50; 4 to 5 feet, \$40; 3 to
Gem of Prairie	830	630	470	4 feet, \$35
Cl. Victor Verdier	360 830	340 370	530 80	PLUMS=One Year, on Plum-
Empress of China Harrison's Yellow	770	300	110	Satsuma, Robinson, Pottawatta-
Wichuraiana	700	***	1300	mie, per 1000, 5 to 6 feet. \$65; 4 to 5
	D- M 0100	Per M \$70	Pr M \$50	feet, \$50; 3 to 4 feet. \$30.
	Pr M \$100	" C 7	" C 5	MULBERRIES == Very Fine-Now
MARECHAL NEIL, Grafts	5800	1850	1150	American and Downing, two years,
Crimson Rambler	***	***	1440	per 1000, 34 to 1 inch. \$100; % to 34,
	D- M 2120			\$80; 9-16 to 5-8. \$75.
	Pr M \$150			FIGS-Assorted, one year, 4 to 5
YELLOWRAMBLER, Agl'a	12700	***		feet, \$8.50 per 100; 3 to 4 feet, \$8.00
	D M 007	D 35 20" T	M DIE TO	per 100; 2 to 3 feet, \$7.00 per 100.
	Pr M \$35	Pr M \$25 1	Pr M \$17.50	
Baltimore Belle,	12250	7350	5000	
Queen of the Prairie	8140	5800	4460	
Seven Sisters	8920	4620	3000	
Madame Plantier	6150	4315	5870	

STANDARD PEAR TREES -- Two and Three Years.

Kieffer, LeConte, Idaho, % to 1 inch, \$75; 11-16 to %, \$70; % to 11-16, \$60; 9-16 to 5-8, \$50 per 1000.

STANDARD PEARS-One Year Buds.

Kieffer,	per 1000, 5	to 6 feet	, \$ 50;	4 to 5 fee	et, \$40;	3 to 4 feet	, \$35
Ea Harvest	per 1000.	. 44	100;	6.6	80;	6.0	65
Garber.	per 1000,	4.6	50;	44	40;	6.6	35
Cincinnis.	per 100.	6.6	25:	6.6	20:	6.6	15

Terms and conditions governing above quotations are the same as those given by the Huntsville Wholesale Nurseries.

Terms and Conditions Governing Quotations in the Price hist of the Huntsville Wholesale Nurseries.

RATES.—As we send this list to the trade only, we make the difference in prices between the 10, 100 and 1000 rates very slight—simply sufficient, as a rule, to cover the difference in the expense of handling in the smaller numbers. formly tie in bunches of 10, when consistent with the order, and we suggest to our customers with the order, and we suggest to our customers to make their orders for varieties in multiples of 10 as far as practicable. Orders for 50 and not over 300 trees, if for not less than 10 of a variety, will be charged at the rate per hundred. variety, will be charged at the rate per numered. orders requiring 300 trees or more, and not less than 10 of a variety, will be filed at the lowest quoted prices. Orders for less than 10 trees of one variety, will be charged at the rate per ten.

SEASON.—Our packing and shipping season begins by the 20th of September, and continues until about the first of March.

We have great advantages to offer here early shipments for the North in Spring. do not accept orders for trees we do not grow, as we never buy trees to sell again. You can depend upon us for fresh dug trees. Each order is taken up separately, and not until it is wanted for shipment.

SHIPPING DIRECTIONS.—We respectfully beg our patrons to furnish us with explicit direc-tions as to shipping, and the mode of conveyance by which they desire trees forwarded. When no particular directions are given, we forward according to the best of our judgment. But in no case do we assume any responsibility as to safe delivery and condition of Trees and Plants after a proper shipment by us.

RELEASE.—When prepayment of freight is not required, we will Release and Guarantee, and take forwarder's receipt and mail to consignee. take forwarder's receipt and man to consigne. It is left to the option of the shipper of trees over some railroads, whether he will release them or not under the clause "Yalue less than \$5.00 per 100 lbs." If released under this clause, the freight is less on roads governed by this classification and we will assume it to be proper chassingation, and we will assume it to be proper to make this release, without reference to the value of the trees, unless instructed to the con-trary. This clause does not apply upon roads under some of the district classifications, and because of this confusion we will not be held responsible for any oversight to release, unless instructed by our customers. Claims for delay or loss must be made to the forwarders.

PACKAGES.-The cost of package must be added to the prices quoted in this list, as follows: Boxes 30 inches square, from 7½ to 9 feet long, as the trees may require, each \$2.50; boxes 24 inches, \$2.00; boxes 18 inches, \$1.50; bales from 25c. to 75c. each.

PACKING.-Goods will be packed in moss, and especial care taken to insure their arrival in the best condition.

Assortments.-We do not require customers to take an assortment they do not wish, but will sell one variety alone if desired. If any substitution can be allowed, either in grade or variety, it should be so stated when making the order. As a rule we do not substitute without per-

CAUTION.—We accept all orders upon the condition that they shall be void, should any injury befall the trees from frost, hail, storm, fire, or other causes over which we have no control

TERMS.-Cash. When desired, we will allow 30 to 60 days from date of shipment to responsible,

prompt-paying customers. Parties with whom we have had no business transactions, will save time by sending reference, with order. We wish it expressly understood that payment is the expected from the first collections made, and the time named is only intended as so many days of grace in which to make returns. To days of grace in which to make returns. To northern customers, who wish to lay in stock for Spring trade, we will ship late in Fall or early in Spring, and allow time for payment till May 15th. If shipment is required in the Fall for Spring use, a note is to be given upon receipt of the trees. We do not allow any discount for cash, but we make our prices low to command cash, or prompt returns. In orders when the time is not mentioned, 30 days is to be understood. Interest at the rate of 8 per cent per annum must be paid on over due accounts. Should prices be changed, either higher or lower, during the season, the prices ruling at the time the order is made, are expected to stand.

FORMS OF PAYMENT.—All bills are payable at the office of the seller, and remittances should be made by drafts on New York, Chicago or St. Louis, or by money orders on some Express Company, or by postal orders. We will, how-ever, accept checks from those of our customers ever, accept checks from those of our customers who may be located at places having no banking, express or postal facilities, provided they make them in every case payable "with exchange" or add ¼ of one cent. to the amount of the bill for the cost of collection.

GRADES.—We grade very carefully, in some

GRADES.—We grade very carefully, in some cases by caliper, in others by height. When graded by both caliper and height, the caliper must govern, as the height then named is only to be considered approximately. When graded to be considered approximately. When graded by height or caliper, we include the lower number and exclude the higher. Instance: in a grade of 4 to 5 feet trees, the 4 feet trees are included, but not the 5 feet trees. If 5 feet trees are wanted, the 5 to 6 feet grade must be ordered.

GUARANTEE OF GENUINENESS.—While we exercise the greatest diligence and care to have all our Trees, etc., true to label, and hold ourselves in readiness, on proper proof, to replace all trees, etc., that may prove untrue to label, free of charge, or refund the amount paid, it is mutually understood and agreed to, between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for

ACCEPTANCE.—Notice should be sent us by telegraph, at our expense, if there is any cause of complaint, or should the trees be refused, stating reasons. Claims for deduction, from whatever cause, will receive consideration only when made promptly upon the receipt of the trees. If trees show any signs of shrivelling upon arrival, they can usually be restored by being thoroughly watered and buried entirely under the ground for two or three days. Should there be any frost in the trees upon arrival, they should not be removed from the box until the frost is all out. removed from the box until the frost is all out. The box should be placed in the cellar or protected in some other way. The presence of frost in the boxes is not to be considered an evidence of bad condition, as we pack to secure the trees against damage, if the frost is allowed to come out in the natural way. Goods will be considered accepted if removed from the boxes in which they are packed, with-out notice of complaint to us and without our orders for their disposition.

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A Rare Opportunity to Acquire a Home in the South.

We offer the following lands at HUNTSVILLE, ALA., and BILOXI, MISS., for one-third cash, balance in one, two and three years, with six per cent. interest, and will give purchasers contracts to grow nursery stock sufficient to pay the deferred payments:

One tract of 10 acres adjoining the Nurseries, with good dwell-

ing house. Price \$400.

One tract of 10 acres adjoining the Nurseries, with new cottage of 6 rooms. Price \$650.

One tract of 270 acres adjoining the Nurseries on the East. A small stream of never-failing pure water runs through this place. Can be divided into smaller tracts. Price \$10.00 per acre.

One tract of 40 acres adjoining the Nurseries on the South, watered by a never-failing stream. Price \$15.00 per acre.

HOMES ON THE GULF COAST.

One tract of 50 acres adjoining the Biloxi Nurseries, with good dwelling house and outbuildings. Price \$800.

Two tracts of 50 acres each adjoining the Biloxi Nurseries,

unimproved. Price per acre \$10.00.

WESTERN LAND.

Two tracts of 40 acres each in the heart of Ozarks. Fine orchard land. Unimproved Price per acre \$5.00.

One tract of 160 acres, unimproved, in Lincoln County,

Neb. Price \$800.

One tract of 40 acres, unimproved, in St. Clair County, Mo. Price \$125.

One tract of 20 acres near Grand Junction, Colorado, with water rights, \$600.

One tract of 40 acres near Fruita, Colo., unimproved, \$400.
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Fresh Mazzard Cherry Seed.

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Stocks or seed of Myrobolan Plums, Mahaleb and Mazzard Cherries, French Crab and Native Apples, French and Japan Pears, Quince, Manetti Rose, and general ornamental nursery stock.

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Sole Agent for United States and Canada. REFERENCES: W. F. Heikes, Huntsville, Ala. and many others, concerning the grading and quality of our stocks.

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FRENCH STOCKS FRUIT TRFF.

Autumn of 1897 and Spring of '98.

Mahaleb, 1 year, 5 to 8 mm.

" - 1 year, 3 to 5 mm.
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Myrobolan, 1 year, 3 to 5 mm.
The above are very rare.
Pear, 2 years, 7 to 12 mm.
Pear, 2 years, 5 to 7 mm.
Pear, 1 year, 7 to 12 mm.
Pear, 1 year, 5 to 7 mm.
Pear, 1 year, 4 to 6 mm.
Pear, 1 year, 4 to 6 mm.
These are branched roots.
Apple 1 year, 5 to 8 mm.

Apple, 1 year, 5 to 8 mm.
Apple, 1 year, 3 to 5 mm.
Apple, 2 year, 3 to 5 mm.
Angers Quince (cutting), 7 to 12 mm.
Argers Quince (cutting), 6 to 8 mm.

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